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By:

Nancy Foster

IDS Form PTO/SB/08: Substitute for form 1449A/PTO

Complete if Known

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Application Number	09/631,613
Filing Date	August 4, 2000
First Named Inventor	Holly HOGREFE et al.
Art Unit	1637
Examiner Name	C. WILDER
Attorney Docket Number	04121.0116-07000

Sheet 1 of 5

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS

Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
CW		US-4,376,110	03-08-1983	David et al.	
		US-4,683,202	07-28-1987	Mullis	
		US-4,795,699	01-03-1989	Tabor et al.	
		US-4,873,192	10-10-1989	Kunkel	
		US-4,921,794	05-01-1990	Tabor et al.	
		US-4,946,786	08-07-1990	Tabor et al.	
		US-5,001,050	03-19-1991	Blanco et al.	
		US-5,073,632	12-17-1991	Donovan et al.	
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		US-5,079,352	01-07-1992	Gelfand et al.	
		US-5,210,036	05-11-1993	Comb et al.	
		US-5,262,529	11-16-1993	Dryja et al.	
		US-5,310,652	05-10-1994	Gelfand et al.	
		US-5,322,785	06-21-1994	Comb et al.	
		US-5,352,778	10-04-1994	Comb et al.	
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		US-5,374,553	12-20-1994	Gelfand et al.	
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		US-5,489,523	02-06-1996	Mathur	
		US-5,500,363	03-19-1996	Comb et al.	
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		US-5,534,407	07-09-1996	Tabor et al.	
		US-5,545,552	08-13-1996	Mathur	
		US-5,618,702	04-08-1997	Scanlon	
		US-6,333,165 B1	12-25-2001	Hogrefe	
		US-6,379,553 B1	04-30-2002	Hogrefe	

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U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
CW		US-6,410,277 B1	06-25-2002	Barnes	
CW		US-6,444,428 B1	09-03-2002	Hogrefe	

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS							
Examiner Initials	Copy End.*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
	Y		DE 406 43770 A1	10-02-1997	Boehringer Mannheim GmbH		
CW	Y		EP 0 265 293 B1	04-27-1988	President and Fellows of Harvard College		
	Y		EP 0 386 857 B1	09-12-1990	President and Fellows of Harvard College		
	Y		EP 0 416 755 A1	03-13-1991	Life Technologies Inc.		
	Y		EP 0 502 589 A2	09-09-1992	F. Hoffman-LaRoche AG		
	Y		EP 0 870 832 A1	10-14-1998	Takara Shuzo Co. Ltd.		
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	Y		WO 89/06691 A2	07-27-1989	Cetus Corporation		
	Y		WO 91/02090 A1	02-21-1991	Promega Corporation		
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	Y		WO 92/06200 A1	04-16-1992	Cetus Corporation		
	Y		WO 92/09689 A1	06-11-1992	Stratagene		
	Y		WO 94/26766 A A1	11-24-1994	Barnes		
	Y		WO 97/37038 A1	10-09-1997	Boehringer Mannheim GmbH		Abstract only
	Y		WO 98/42860 A1	10-01-1998	Stratagene		
	Y		WO 99/00506 A1	01-07-1999	Takara Shuzo Co., Ltd.		Abstract only
	Y		WO 01/09347 A2	02-08-2001	Stratagene		
	Y		WO 01/09347 A3	02-08-2001	Stratagene		
	Y		WO 01/16333 A1	03-08-2001	Stratagene		

NON PATENT LITERATURE DOCUMENTS					Translation ⁶
Examiner Initials	Copy End.*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
CW	N		Albrecht et al., Swiss-Pat accession number Q01034, April 1, 1993.		
CW	Y		Anonymous, "Recombinant Vent ₁ TM DNA Polymerase," <i>The Neb Transcript</i> , Vol. 3, No. 1, page 4 (1991).		
CW	Y		Attachment for 20XSSC - cDNA Hybridization protocol using GeneTac Hybridization Unit		

* Copies that are not enclosed were previously submitted by the applicants or cited by the Examiner or are U.S. Patents or published applications.

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NON PATENT LITERATURE DOCUMENTS					
CW	Y		Baker et al., "Polymerases and the replisome: machines within machines," <i>Cell</i> , 92:295-305, 1998.		
	Y		Barnes, "The fidelity of <i>Taq</i> polymerase catalyzing PCR is improved by an N-terminal deletion," <i>Gene</i> , 112: 29-35 (1992).		
	N		Bork, "Powers and Pitfalls in Sequence Analysis: The 70% Hurdle," <i>Genome Research</i> , 10:398-400 (2000).		
	Y		Branden et al., <i>Introduction to Protein Structure</i> , Garland Publishing Inc., New York, page 247 (1991).		
	N		Broun et al., "Catalytic Plasticity of Fatty Acid Modification Enzymes Underlying Chemical Diversity of Plant Lipids," <i>Science</i> , 282:1315-1317 (1998).		
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	Y		Clark et al. "Novel blunt-end addition reactions catalyzed by DNA Polymerase I of <i>Escherichia coli</i> ," <i>J. Mol. Biol.</i> , 198:123-127 (1987).		
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	N		Gadsden et al., Swiss-Prot accession number P33317, February 1, 1994.		
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	Y		Hu, "DNA polymerase-catalyzed addition of nontemplated extra nucleotides to the 3' end of a DNA fragment," <i>DNA Cell Biol.</i> , 12(8):763-770 (1993).		
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	Y		Jones et al., "Recombinant circle PCR and recombination PCR for site-specific mutagenesis without PCR product purification," <i>BioTechniques</i> , 12(4):528-533 (1992).		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	09/631,613
		Filing Date	August 4, 2000
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		Art Unit	1637
		Examiner Name	C. WILDER
Sheet	4	of	5
		Attorney Docket Number	04121.0116-07000

NON PATENT LITERATURE DOCUMENTS			
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	Y		Kellog et al., "TaqStart Antibody™: 'Hot start' PCR facilitated by a neutralizing monoclonal antibody directed against <i>Taq</i> DNA polymerase," <i>BioTechniques</i> , 16:1134-1137 (1994).
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	N		Kletzin, Swiss-Prot accession number Q02103, April 1, 1993.
	Y		Kohler et al., "Development of a short-term, in vivo mutagenesis assay: the effects of methylation on the recovery of a lambda phage shuttle vector from transgenic mice," <i>Nucl. Acid Res.</i> , 18:3007-3013 (1990).
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NON PATENT LITERATURE DOCUMENTS					
CW	Y				
	Y		Perrino et al., "Hydrolysis of 3'-terminal mispairs in vitro by the 3'→5' exonuclease of DNA polymerase δ permits subsequent extension by DNA polymerase α," <i>Biochem.</i> , 29: 5226-5231 (1990).		
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	Y		Uemori et al., "Organization and nucleotide sequence of the DNA polymerase gene from the archaeon <i>Pyrococcus furiosus</i> ," <i>Nucl. Acids Res.</i> , 21:259-65 (1993)		
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	Y		Vallette et al., "Construction of mutant and chimeric genes using the polymerase chain reaction," <i>Nucleic Acids Research</i> , 17(2):723-733 (1989).		
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	N		Wang et al., Swiss-Prot accession number P28248, December 1, 1992.		
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	Y		Zhu et al. "The use of exonuclease III for polymerase chain reaction sterilization," <i>Nucl. Acids Res.</i> , 19(9):2511 (1991).		
	N		GenBank Accession Number U62891 and AAC51123.		
	Y		Amendment filed June 9, 2006, in U.S. Patent Application No. 08/957,709, filed October 24, 1997.		
	Y		Office Action mailed August 24, 2006, in U.S. Patent Application No. 08/957,709, filed October 24, 1997.		
	Y		Office Action mailed June 2, 2006, in U.S. Patent Application No. 10/738,917, filed December 16, 2003.		

Examiner Signature	/Cynthia Wilder/	Date Considered	01/09/2007
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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